

Attorney Docket No. Le A 34 494

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUN 17 2002

In reapplication of: Bob, et al.

Serial No.: 09/911,277

Filed: 07/23/2001

For: Selective PDE 2 Inhibitors as Pharmaceuticals for Improving Perception

Group No.: 1614

Examiner:

PATENT

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CERTIFICATION OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence and any papers referred to as attached are being deposited, on the date shown below, with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: JUN 10 2002

*Mariellen Chadelaine*  
Signature of Person Certifying

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))**

Dear Sir:

Applicants wish to cite for the record in the above-identified application the references shown on the accompanying copy of PTO form 1449.

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement transmitted herewith is being filed **before** the mailing date of the first Office action on the merits.

**FEE PAYMENT**

Applicants believe that no fees are due with this submission. However, the Commissioner is hereby authorized to charge any fees that may have been overlooked but that are required to Deposit Account 13-3372. Additionally, please credit any overpayment to the same account.

Respectfully submitted,

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Date *June 6, 2002*

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Serial No. 09/911,277	Group Art Unit 1614	Filing Date 07/23/2001	Atty. Docket No. A 34 494
INFORMATION DISCLOSURE CITATION		Applicant(s) Bob et al.			

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U.S. PATENT DOCUMENTS

## **U.S. PATENT DOCUMENTS**

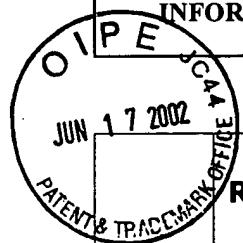
## **FOREIGN PATENT DOCUMENTS**

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)**

	<b>R1</b>	Stryer, L. Biochemistry, 4 <sup>th</sup> ed. W.H. Freeman and Company, New York, NY, 1995
	<b>R2</b>	Kandel et al., Principles of Neural Science, 3 <sup>rd</sup> ed. Auflage, Elsevier, Kapietl , 1998, ch. 28, S. 403-408
	<b>R3</b>	Martins, T., Mumby, M., Beavo, J., "Purification and Characterization of a Cyclic GMP-stimulated Cyclic Nucleotide Phosphodiesterase from Bovine Tissues", J. Biol Chem., <u>257</u> : 4, 1973-1979 (1982)

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Serial No. 09/911,277	Group Art Unit 1614	Filing Date 07/23/2001	Atty. Docket No. Le A 34 494
INFORMATION DISCLOSURE CITATION		RECEIVED JUN 19 2002 TECH CENTER 1600/2900			
Applicant(s) Bob et al.					



<b>R4</b>	Yamamoto, T., Manganiello, V., Vaughan, M., "Purification and Characterization of Cyclic GMP-stimulated Cyclic Nucleotide Phosphodiesterase from Calf Liver", <i>J. Biol. Chem.</i> , <u>258</u> : 20, 12526-12533 (1983)
<b>R5</b>	Grant, P., Mannarino, A., Colman, R., "Purification and Characterization of a Cyclic GMP-stimulated Cyclic Nucleotide Phosphodiesterase from the Cytosol of Human Platelets", <i>Thrombosis Research</i> , <u>59</u> : 105-119 (1990)
<b>R6</b>	Whalin, M., Strada, S., Thompson, W., "Purification and Partial Characterization of Membrane-associated Type II (cGMP-activatable) Cyclic Nucleotide Phosphodiesterase from Rabbit Brain", <i>Biochim. Biophys. Acta.</i> , <u>972</u> : 79-94 (1988)
<b>R7</b>	Sonnenburg, W., Mullaney, P., Beavo, J., "Molecular Cloning of a Cyclic GMP-stimulated Cyclic Nucleotide Phosphodiesterase cDNA", <i>J. of Biol. Chem.</i> , <u>266</u> : 26, 17655-17661 (1991)
<b>R8</b>	Tanaka, T., Hockman, S., Moos, M., Taira, M., Meacci, E., Murashima, S., Manganiello, V., "Comparison of Putative cGMP-binding Regions in Bovine Brain and Cardiac cGMP-stimulated Phosphodiesterases", <i>Second Messengers and Phosoproteins</i> , <u>13</u> : 87-98 (1991)
<b>R9</b>	Rosman, G., Martins, T., Sonnenburg, W., Beavo, J., Ferguson, K., Loughney, K., "Isolation and Characterization of Human cDNAs Encoding a cGMP-stimulated 3', 5'-cyclic Nucleotide Phosphodiesterase". <i>Gene</i> , <u>191</u> : 89-95 (1997)

EXAMINER	DATE CONSIDERED
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